

Converting Colors

`RYB(149, 171, 119)`

Have a look what the booklet for
RYB(149, 171, 119) contains.

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Color

R_YB(149, 171, 119)

Conversions

Conversions Part 1

Format	Color
Hex	AB9877
RGB	171, 152, 119
RGB Percent	67%, 60%, 47%
CMY	0.3294, 0.4040, 0.5333
CMYK	0.00, 0.11, 0.30, 0.33
HSL	38°, 24%, 57%
HSV	38°, 30%, 67%
XYZ	31.3486, 32.4384, 22.0617
YIQ	153.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

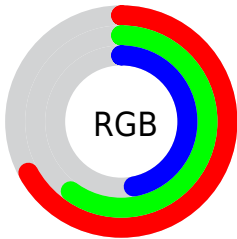
Format	Color
RYB	149, 171, 119
Decimal	11245687
CIELab	63.70, 1.91, 19.95
CIElCh	64, 20.042, 84.533
Yxy	32.4384, 0.3652, 0.3779
Android (android.graphics.Color)	4289435767 (0xFFAB9877)
YUV	153.9190, -17.2151, 14.9800
Hunter-Lab	56.9547, -1.4220, 16.9020

Details

The RYB color **149, 171, 119** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119, 133, 171**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **205, 227, 171**, and **96, 118, 70** is the 20% darker color. If you saturate the color by 10%, you get **141, 171, 102**, and if you desaturate by 10%, it is **157, 171, 136**.

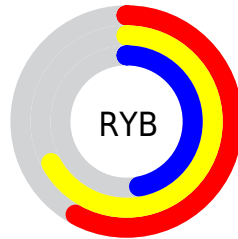
Distribution



Red (67%)

Green (60%)

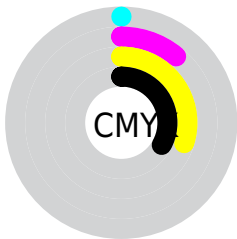
Blue (47%)



Red (58%)

Yellow (67%)

Blue (47%)

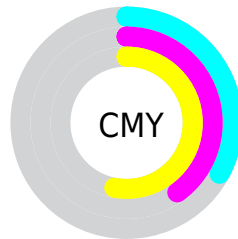


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 171, 119 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 149, 171, 119 by changing the saturation by 10% instead.

 149, 171, 119

255, 255, 255

 205, 227, 171

 233, 255, 199

 227, 255, 227


 149, 171, 119

 122, 144, 94

 96, 118, 70

 73, 93, 48


 45, 68, 26

 19, 46, 1


 22, 22, 0


 0, 0, 0

 149, 171, 119

 141, 171, 102


 149, 171, 119


 157, 171, 136


 136, 171, 85


 164, 171, 153


 128, 171, 68


 170, 171, 170


 120, 171, 51

 171, 175, 187


 111, 171, 33


 171, 180, 204


 106, 171, 16

 171, 185, 222

 100, 171, 0

 171, 189, 239

 171, 194, 255

 171, 197, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 156, 126



149, 171, 119



122, 158, 128

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



149, 171, 119



104, 135, 168



174, 145, 175

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



149, 171, 119



119, 133, 171

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



153, 151, 187



149, 171, 119



110, 140, 183

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



149, 171, 119



114, 143, 164



129, 148, 189



188, 142, 158

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



149, 171, 119



128, 161, 151



129, 148, 189



168, 147, 180

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



149, 171, 119



213, 222, 202



171, 119, 138



106, 112, 100



240, 240, 240



112, 112, 112

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



149, 171, 119



187, 222, 142



119, 171, 126



83, 87, 78



87, 150, 0



12, 23, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



119, 133, 171



142, 163, 222



126, 119, 171



78, 80, 87



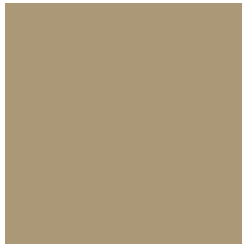
0, 40, 150



0, 6, 23

Previews

White Background



This preview shows how the RYB color 149, 171, 119 looks on a white background.

Color Contrast Check

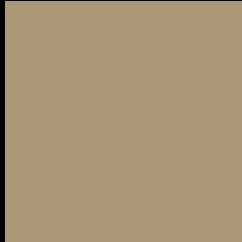
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 149, 171, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

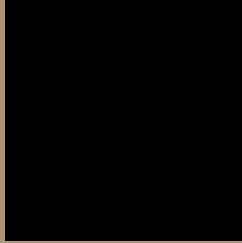
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 149, 171, 119 Background



This preview shows how black text looks on a background with the RYB color 149, 171, 119.



This preview shows how white text looks on a background with the RYB color 149, 171, 119.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
149, 171, 119

Protanopia
135, 165, 120

Deuteranopia
181, 172, 120



Tritanopia
176, 147, 158

Trichromacy



Original Color

149, 171, 119

Protanomaly

140, 167, 120

Deuteranomaly

175, 177, 120

Tritanomaly

174, 150, 144

Monochromacy



Original Color

149, 171, 119

Achromatopsia

154, 154, 154

Achromatomaly

152, 160, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 171, 119 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 152, 119)` looks like.

```
.text, #text, p{  
    color:rgb(171, 152, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 152, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 152, 119) }
```

Border

The CSS property to change the border of an element to RYB 149, 171, 119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 152, 119) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 152, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 152, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 152, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 152, 119);  
box-shadow:4px 4px 4px 4px rgb(171, 152,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 149, 171, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 152, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
152, 119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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